

**AMENDMENTS TO THE SPECIFICATION** (37 CFR §1.121(b))

Please insert the following paragraph at line 2 of page 1 of the specification.

**FIELD OF THE INVENTION**

Please insert the following paragraph between lines 9-10 at page 1 of the specification.

**BACKGROUND OF THE INVENTION**

Please insert the following paragraph prior to line 1 at page 2 of the specification.

**SUMMARY OF THE INVENTION**

Please insert the following paragraph between lines 31-32 at page 2 of the specification.

**BRIEF DESCRIPTION OF THE DRAWINGS**

Please insert the following paragraph between lines 4-5 at page 3 of the specification.

**DETAILED DESCRIPTION OF PREFERRED VERSIONS OF THE INVENTION**

Please insert the following Abstract following the claims (such Abstract also being provided on a separate sheet accompanying this Preliminary Amendment, as per 37 CFR §1.72(b)):

The inductive coupling for transferring electrical energy to or from a transducer and measuring circuit, consists of a male connector part (2) and a female connector part (10). The male part (2), includes a single layer solenoid (7) wound on a ferromagnetic rod (6), the ends of the solenoid (5a and 5b) connected to conductors (3a and 3b) connected to an ultrasound probe (not shown) via cable (1). The female part (10) includes a single layer solenoid (11). The ends of solenoid (11) are brought out to terminals (12a and 12b) to facilitate electrical connection to the ultrasound drive electronics (not shown). The coupling provides a simple sealed signal connection between the cable connected with the transducer and the measuring circuit electronics without the disadvantages of having exposed contact surfaces. The cable connector can be replaced if desired.